

AMENDMENTS TO THE CLAIMS

Claim 1 (Currently Amended): A portable telephone apparatus for roaming between a first portable telephone system and a second portable telephone system, comprising:

reception means for receiving a message transmitted from a base station in one of the ~~two systems~~ first portable telephone system and the second portable telephone system;

judging means for judging whether a received message has a ~~common~~ format which is common to each of the first and the second portable telephone systems or is unique to one of the first and the second portable telephone in the two systems or a different format in the two systems;

first processing means for storing therein program code which is common to each of the first and the second portable telephone systems, and for processing the received message by performing a procedure which is common to each of the ~~[[two]] first and the second portable telephone systems~~ when the message has the ~~common~~ format which is common to each of the first and the second portable telephone systems, and

second processing means for storing therein program code which is unique to each of the first and the second portable telephone systems, and for processing the received message by performing procedures, each procedure unique to each of the two systems, when the message has the different format a procedure which is unique to one of the first and the second portable telephone

systems when the message has the format which is unique to one of the first and the second portable telephone systems.

Claim 2 (Original): A portable telephone apparatus according to Claim 1, the portable telephone apparatus further comprising:

protocol revision receiving means or receiving, from the base station, a protocol revision message showing a type of communication protocol used in one of the two systems;

wherein the reception means receive a succeeding message which succeeds the protocol revision message, from the base station;

the second processing means processes the succeeding message by performing a procedure unique to the first system when the communication protocol in the first system is shown in the protocol revision message, and processes the following message by performing a procedure unique to the second system when the communication protocol in the second system is shown in the protocol revision message.

Claim 3 (Original): A portable telephone apparatus according to Claim 2,

wherein a base station in the first system transmits the protocol revision message on a first frequency, and a base station in the second system transmits the protocol revision message on a second frequency,

wherein the protocol receiving means receives either of the two protocol revision messages by scanning the first frequency and the second frequency.

Claim 4 (Original): A portable telephone apparatus according to Claim 1,

wherein the first system is an IS-95 Code Division Multiple Access (CDMA) mobile telephone system, the second system is an ARIB STD-T53 CDMA mobile telephone system, and

the message having a different format is one of a) a neighbor list message showing a list of a plurality of base stations located close to the portable telephone apparatus, b) a channel assignment message notifying channel allocation, c) a message including a service option request order for deciding a communication mode, d) a handoff direction message for handoff processing, and e) a message for performing ringer control.

Claim 5 (Original): A portable telephone apparatus according to Claim 4, the portable telephone apparatus further comprising:

protocol revision receiving means for receiving, from the base station, a protocol revision message showing a type of communication protocol used in one of the two systems;

wherein the reception means receives a succeeding message which succeeds the protocol revision message, from the base station;

the second processing means processes the succeeding message by performing a procedure unique to the first system when the communication protocol in the first system is shown in the protocol revision message, and processes the following message by performing a procedure unique to the second

system when the communication protocol in the second system is shown in the protocol revision message.

Claim 6 (Previously Presented): A portable telephone apparatus configured to roam between a first portable telephone system and a second portable telephone system, wherein the first portable telephone system is configured to communicate using a first communication protocol, and the second portable telephone system is configured to communicate using a second communication protocol, wherein the portable telephone apparatus comprises:

- a reception unit which receives a message from one of a first base station of the first portable telephone system and a second base station of the second portable telephone system;

- a judging unit coupled to the reception unit, wherein the judging unit determines whether a format of the message corresponds to a program code which is common to each of the first and the second communication protocols, or whether the format of the message corresponds to a program code which is unique to one of the first and the second communication protocols;

- a first processing arrangement coupled to the reception unit, wherein the first processing arrangement has stored therein the program code which is common to each of the first and the second communication protocols, and the first processing arrangement processes the message when the format of the message corresponds to the program code which is common to each of the first and the second communication protocols; and

a second processing arrangement coupled to the reception unit, wherein the second processing arrangement has stored therein the program code which is unique to the first communication protocol and the program code which is unique to the second communication protocol, wherein the second processing arrangement processes the message when the format of the message corresponds to the program code which is unique to one of the first and the second communication protocols.

Claim 7 (Previously Presented): A communication system, comprising:

a first portable telephone system configured to communicate using a first communication protocol, wherein the first portable telephone system comprises a first base station;

a second portable telephone system configured to communicate using a second communication protocol, wherein the second portable telephone system comprises a second base station; and

a portable telephone apparatus configured to roam between the first portable telephone system and the second portable telephone system, comprising:

a reception unit which receives a message from one of the first base station and the second base station;

a judging unit coupled to the reception unit, wherein the judging unit determines whether a format of the message corresponds to a program code which is common to each of the first and the second communication protocols, or

whether the format of the message corresponds to a program code which is unique to one of the first and the second communication protocols;

a first processing arrangement coupled to the reception unit, wherein the first processing arrangement has stored therein the program code which is common to each of the first and the second communication protocols, and the first processing arrangement processes the message when the format of the message corresponds to the program code which is common to each of the first and the second communication protocols; and

a second processing arrangement coupled to the reception unit, wherein the second processing arrangement has stored therein the program code which is unique to the first communication protocol and the program code which is unique to the second communication protocol, wherein the second processing arrangement processes the message when the format of the message corresponds to the program code which is unique to one of the first and the second communication protocols.